LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080118\
Data File : VN050243.D
Acq On : 1 Aug 2018 12:40
Operator : MD\SY
Sample : J4256-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-A01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.661	3	22	45	rBV	2033138	3153222	81.54%	8.036%
2	4.082	755	775	795	rBV2	19270	59345	1.53%	0.151%
3	7.593	1848	1867	1879	rBV	534863	1346737	34.82%	3.432%
4	7.670	1879	1891	1913	rVB	785883	1852397	47.90%	4.721%
5	8.030	1985	2003	2032	rBV	532512	1276565	33.01%	3.253%
6	8.249	2041	2071	2073	rBV	105932	381816	9.87%	0.973%
7	8.590	2161	2177	2214	rVB	1171320	2456051	63.51%	6.259%
8	9.082	2310	2330	2344	rBV4	40695	95980	2.48%	0.245%
9	10.094	2629	2645	2676	rBV	2096168	3867281	100.00%	9.855%
10	10.258	2686	2696	2711	rBV5	19838	45218	1.17%	0.115%
11	10.435	2739	2751	2764	rVB3	46910	89560	2.32%	0.228%
12	10.528	2769	2780	2793	rVV4	25458	49830	1.29%	0.127%
13	10.953	2906	2912	2920	rVV2	31122	51039	1.32%	0.130%
14	11.008	2920	2929	2939	rVB2	38130	65349	1.69%	0.167%
15	11.409	3039	3054	3072	rBV	1465996	2595473	67.11%	6.614%
16	11.500	3073	3082	3090	rVV2	42833	81622	2.11%	0.208%
17	11.657	3121	3131	3152	rVB7	47445	129944	3.36%	0.331%
18	11.815	3170	3180	3192	rBV2	22285	41249	1.07%	0.105%
19	11.921	3200	3213	3222	rBV5	38196	86861	2.25%	0.221%
20	12.120	3254	3275	3285	rBV5	54451	137892	3.57%	0.351%
21	12.252	3306	3316	3327	rVB	231033	383524	9.92%	0.977%
22	12.403	3351	3363	3376	rBV	1238331	2118006	54.77%	5.398%
23	12.474	3377	3385	3396	rVB5	36077	67688	1.75%	0.172%
24	12.593	3404	3422	3434	rVB	186851	380823	9.85%	0.970%
25	12.731	3453	3465	3477	rBV	26317	56739	1.47%	0.145%
26	12.962	3528	3537	3541	rBV3	33344	52784	1.36%	0.135%
27	12.995	3542	3547	3555	rVB	45786	65335	1.69%	0.167%
28	13.175	3589	3603	3629	rVB2	235662	497617	12.87%	1.268%
29	13.345	3643	3656	3670	rVB	1269156	2073701	53.62%	5.285%
30	13.445	3671	3687	3698	rVV	133249	253209	6.55%	0.645%
31	13.512	3698	3708	3727	rVV2	492530	892058	23.07%	2.273%
32	13.609	3727	3738	3746	rVV3	53377	137406	3.55%	0.350%
33	13.673	3747	3758	3778	rVB	380080	664574	17.18%	1.694%
34	13.892	3808	3826	3835	rBV	727289	1149300	29.72%	2.929%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080118\
Data File : VN050243.D
Acq On : 1 Aug 2018 12:40
Operator : MD\SY
Sample : J4256-07
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-A01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Title : SW846 8260

35	13.950	3835	3844	3849	rVV	190800	296442	7.67%	0.755%
36	13.995	3849	3858	3869	rVB3	693574	1195363	30.91%	3.046%
37	14.133	3891	3901	3909	rBV	171188	282236	7.30%	0.719%
38	14.213	3909	3926	3942	rVB2	542113	1065959	27.56%	2.717%
39	14.294	3942	3951	3956	rBV2	92468	140191	3.63%	0.357%
40	14.329	3957	3962	3968	rVV3	70114	104361	2.70%	0.266%
41	14.364	3968	3973	3981	rVV	91266	129654	3.35%	0.330%
42	14.422	3981	3991	4001	rVV4	148350	327264	8.46%	0.834%
43	14.483	4001	4010	4018	rVV4	148156	269068	6.96%	0.686%
44	14.528	4019	4024	4031	rVV3	86067	122589	3.17%	0.312%
45	14.586	4031	4042	4056	rVV3	1209070	2370417	61.29%	6.041%
46	14.657	4056	4064	4073	rVV5	119358	217253	5.62%	0.554%
47	14.705	4075	4079	4088	rVB2	33825	42826	1.11%	0.109%
48	14.792	4098	4106	4108	rBV5	43480	58726	1.52%	0.150%
49	14.850	4117	4124	4131	rBV4	157943	229203	5.93%	0.584%
50	14.888	4131	4136	4143	rVV	87513	102095	2.64%	0.260%
51	14.959	4148	4158	4170	rVB3	406556	863857	22.34%	2.201%
52	15.049	4180	4186	4193	rBV	52028	81004	2.09%	0.206%
53	15.094	4193	4200	4212	rVB3	103445	184422	4.77%	0.470%
54	15.194	4219	4231	4239	rBV	429544	751981	19.44%	1.916%
55	15.265	4240	4253	4280	rVB2	435810	1124761	29.08%	2.866%
56	15.419	4291	4301	4312	rBV3	64400	116134	3.00%	0.296%
57	15.490	4314	4323	4334	rVV3	67461	123705	3.20%	0.315%
58	15.580	4344	4351	4355	rBV	87497	128115	3.31%	0.326%
59	15.618	4357	4363	4379	rVB	232839	402920	10.42%	1.027%
60	15.702	4381	4389	4400	rVB3	69879	117185	3.03%	0.299%
61	15.776	4402	4412	4422	rBV5	54315	125497	3.25%	0.320%
62	15.917	4442	4456	4470	rBV2	440133	896467	23.18%	2.285%
63	16.107	4504	4515	4526	rBV3	108812	227901	5.89%	0.581%
64	16.171	4526	4535	4559	rVB7	78706	238111	6.16%	0.607%
65	16.355	4579	4592	4604	rBV5	92127	247978	6.41%	0.632%

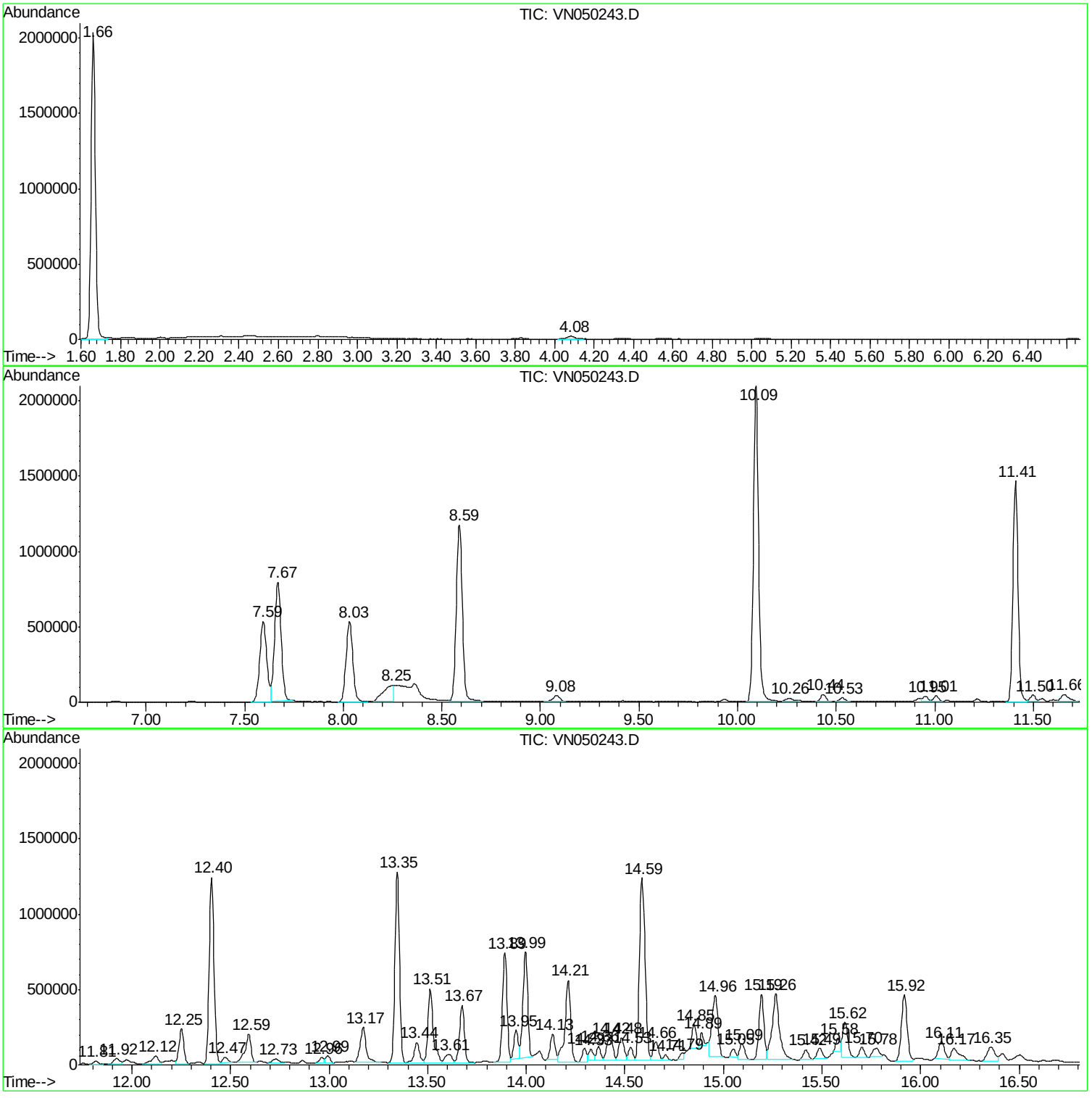
Sum of corrected areas: 39239880

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080118\
Data File : VN050243.D
Acq On : 1 Aug 2018 12:40
Operator : MD\SY
Sample : J4256-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-A01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080118\
Data File : VN050243.D
Acq On : 1 Aug 2018 12:40
Operator : MD\SY
Sample : J4256-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-A01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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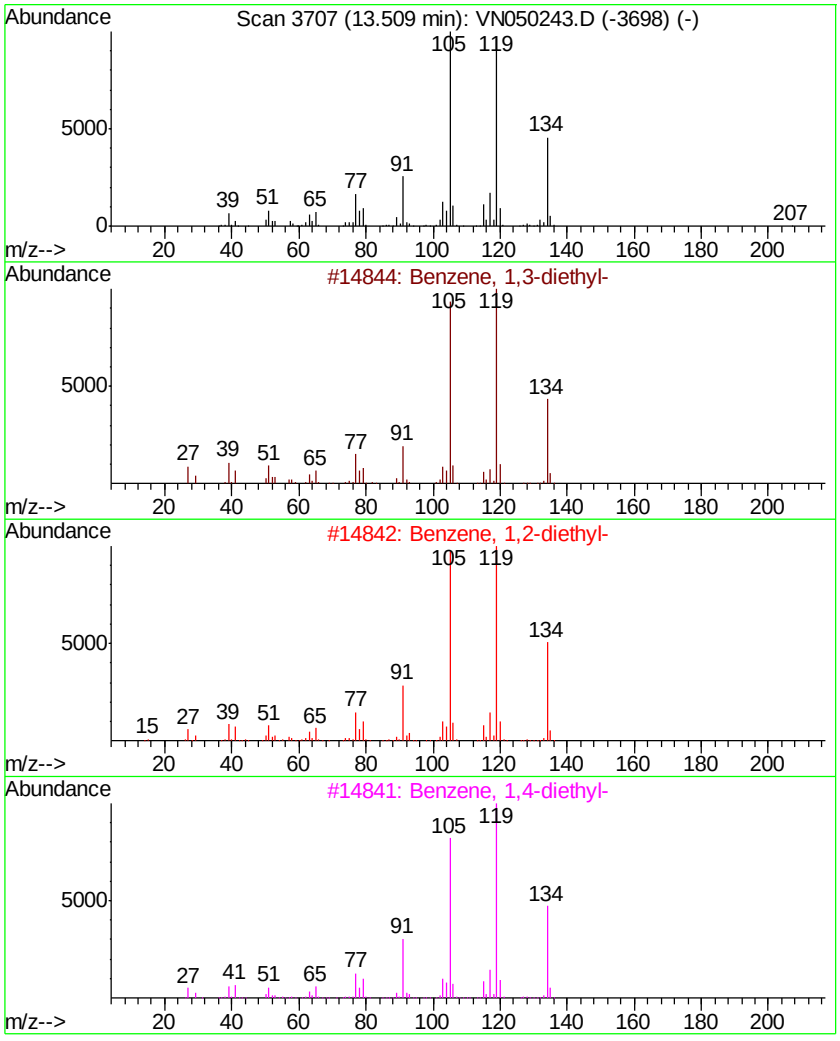
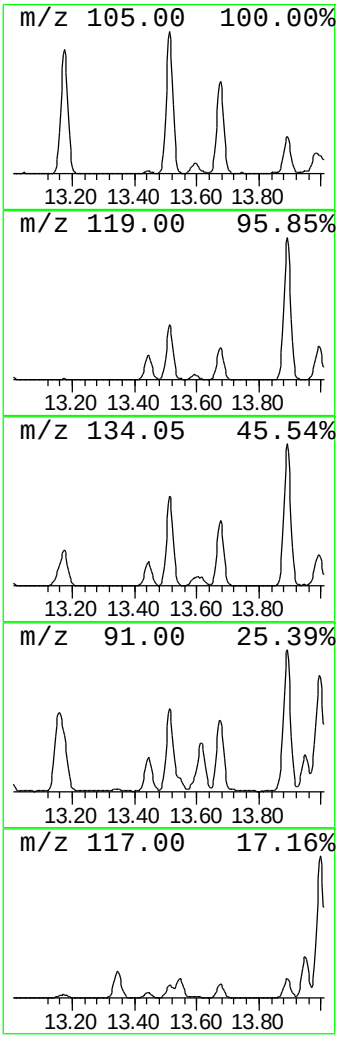
Peak Number 2 Benzene, 1,3-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	21.51 ug/l	892058	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080118\
Data File : VN050243.D
Acq On : 1 Aug 2018 12:40
Operator : MD\SY
Sample : J4256-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-A01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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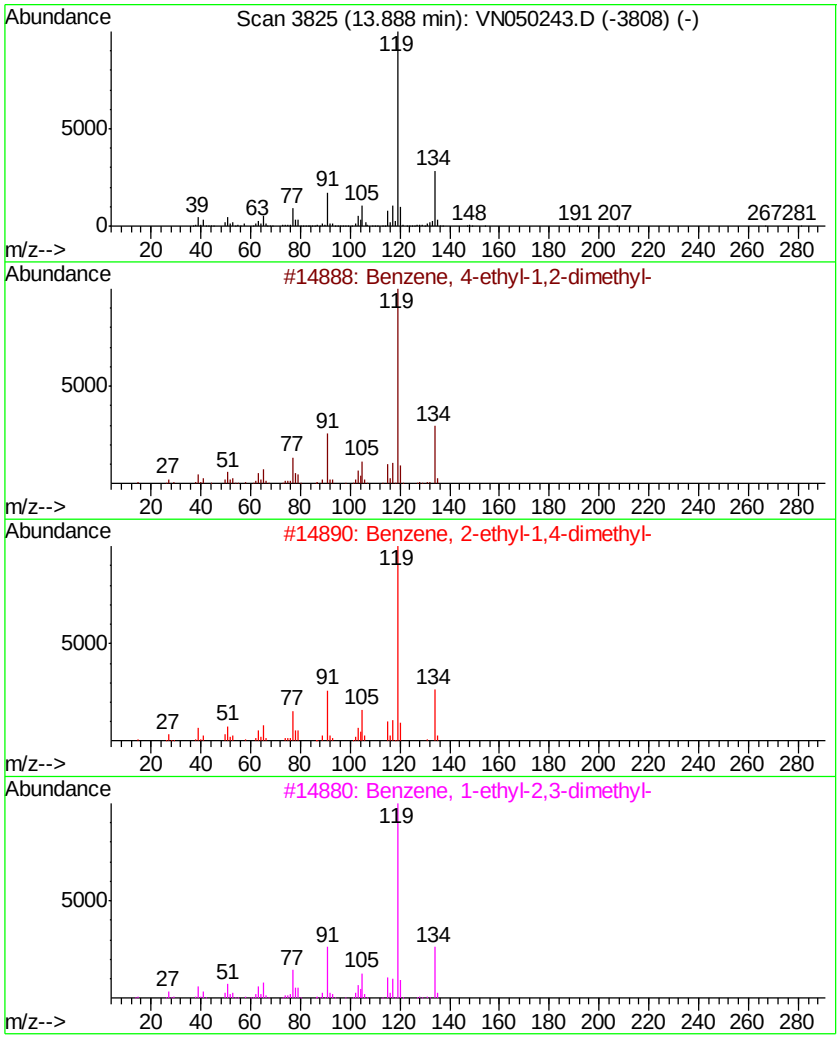
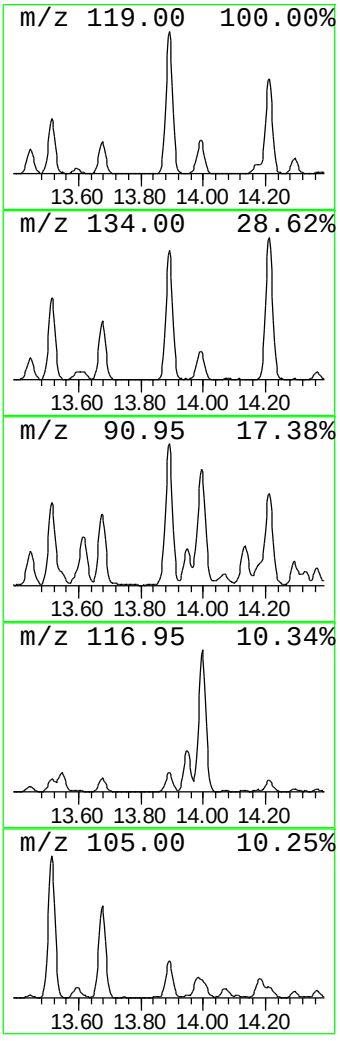
Peak Number 3 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	27.71 ug/l	1149300	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080118\
Data File : VN050243.D
Acq On : 1 Aug 2018 12:40
Operator : MD\SY
Sample : J4256-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-A01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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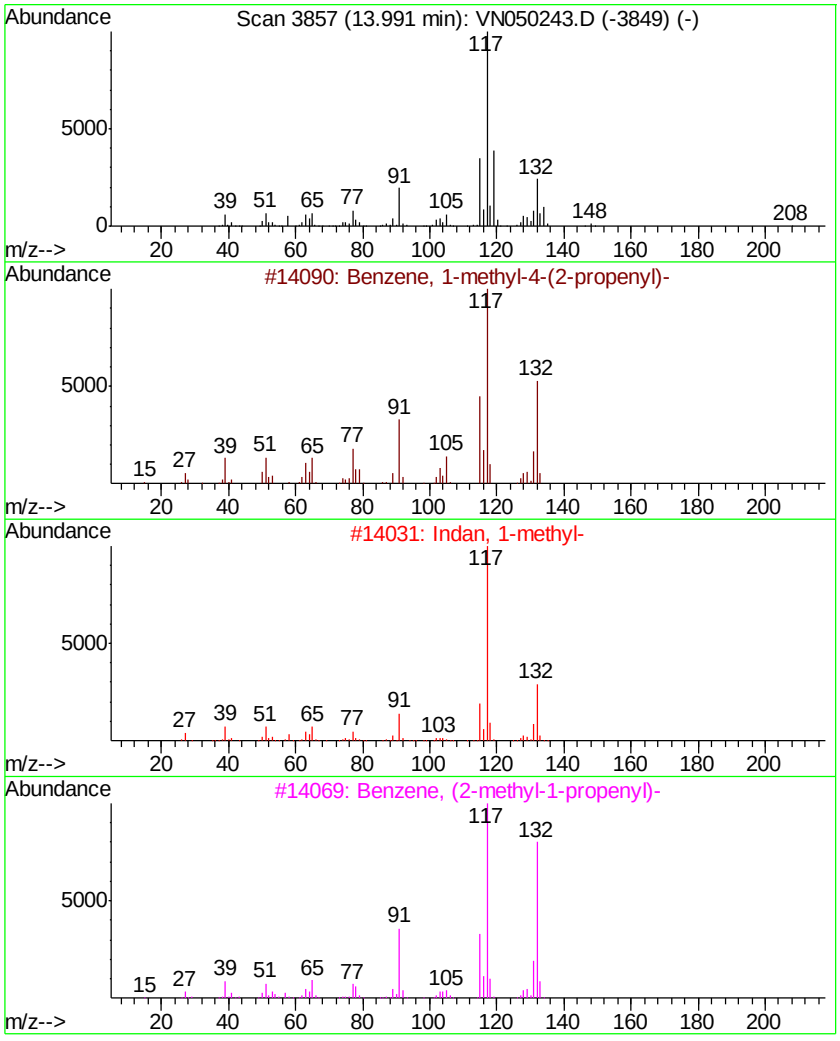
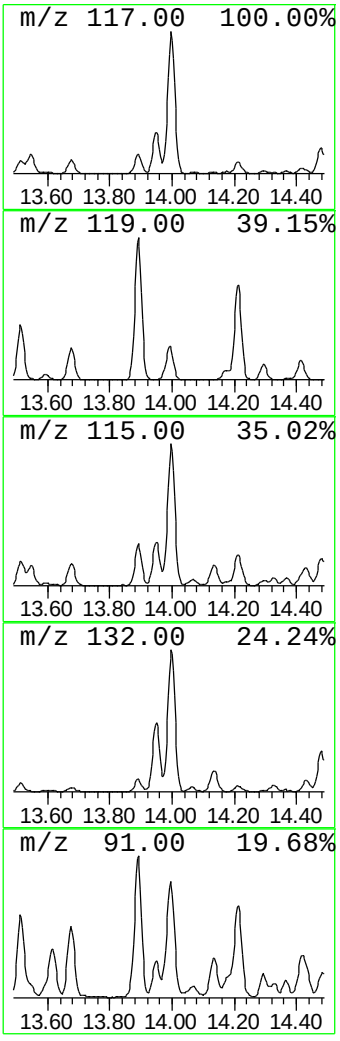
Peak Number 4 Benzene, 1-methyl-4-(2-prop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	28.82 ug/l	1195360	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	81
2	Indan, 1-methyl-	132	C10H12	000767-58-8	81
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	76
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080118\
Data File : VN050243.D
Acq On : 1 Aug 2018 12:40
Operator : MD\SY
Sample : J4256-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-A01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

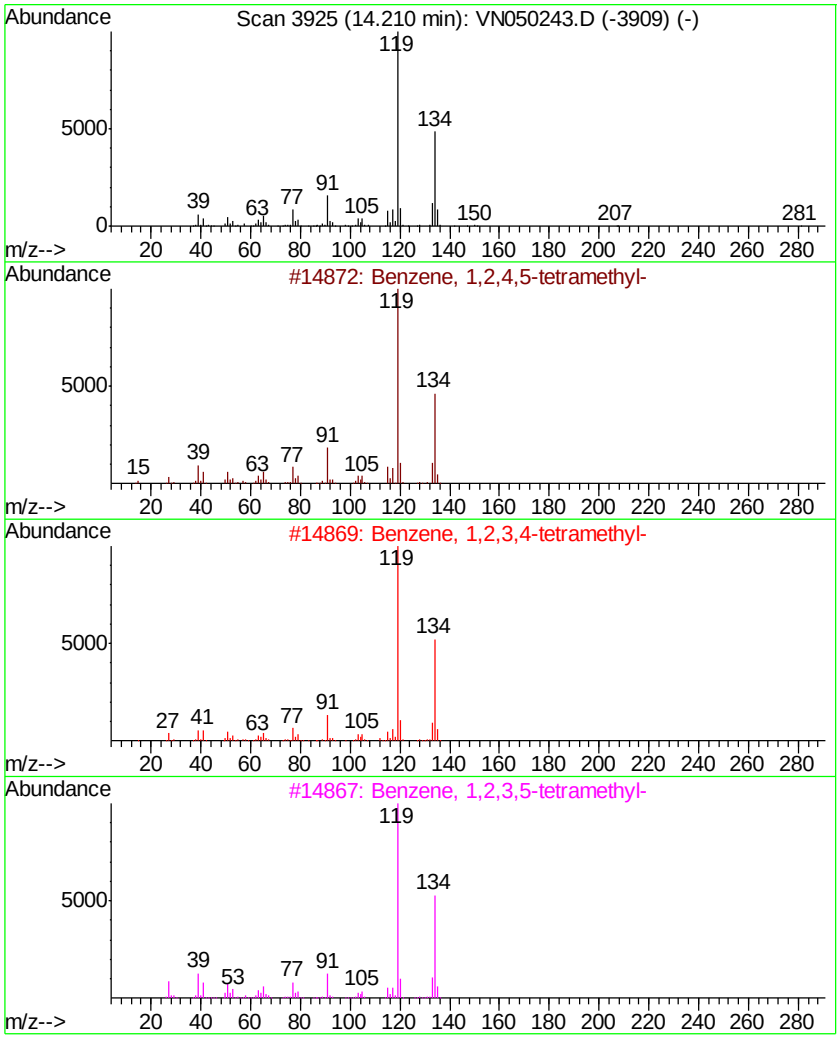
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

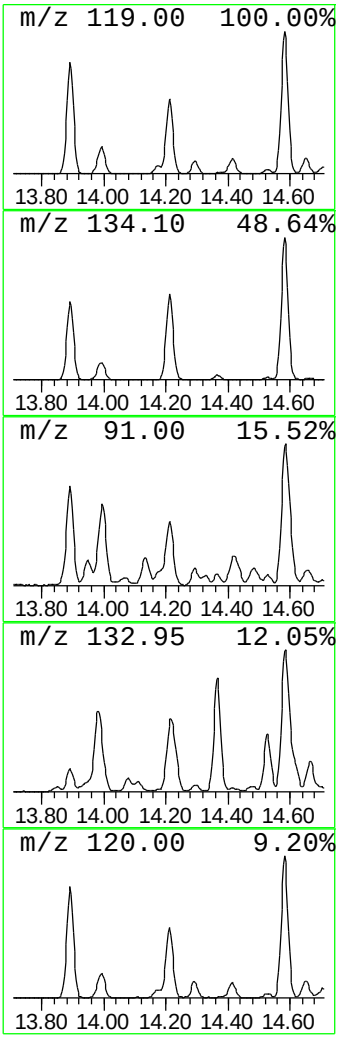
****

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	25.70 ug/l	1065960	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080118\
Data File : VN050243.D
Acq On : 1 Aug 2018 12:40
Operator : MD\SY
Sample : J4256-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-A01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

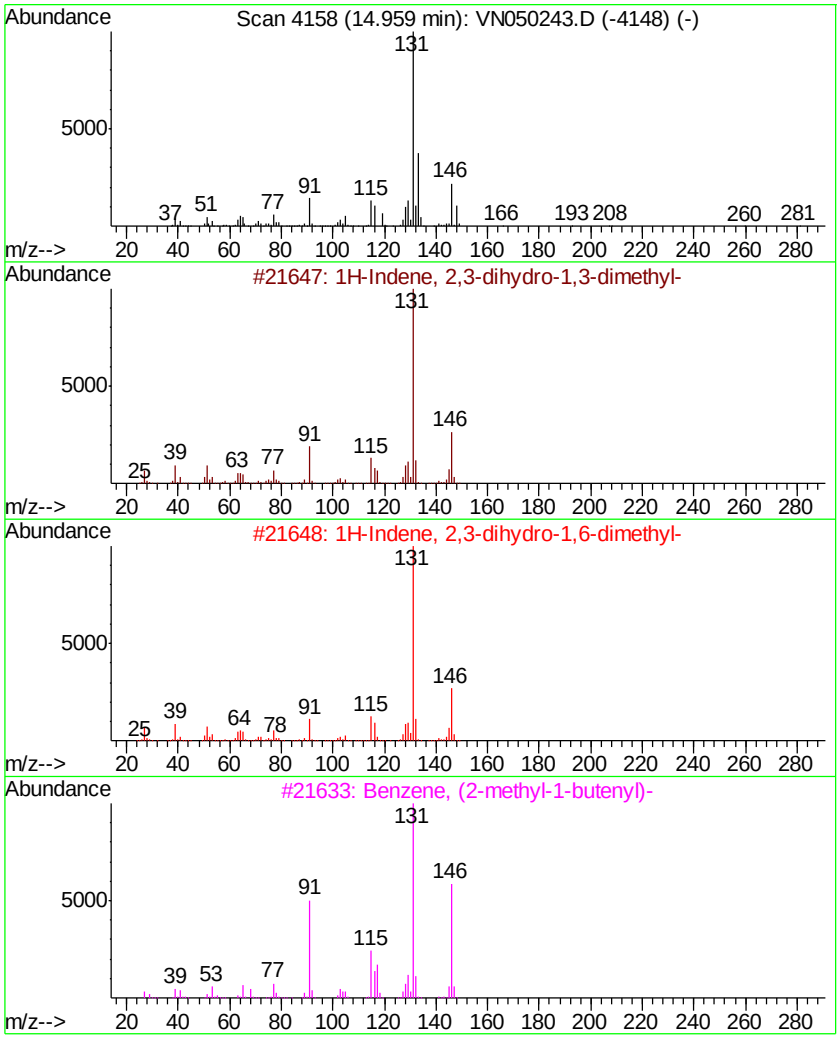
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

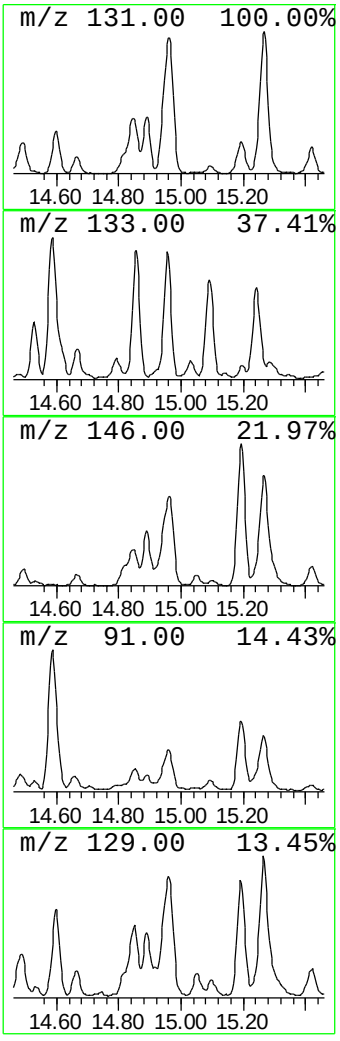
****

Peak Number 7 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	20.83 ug/l	863857	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	81
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080118\
Data File : VN050243.D
Acq On : 1 Aug 2018 12:40
Operator : MD\SY
Sample : J4256-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-A01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

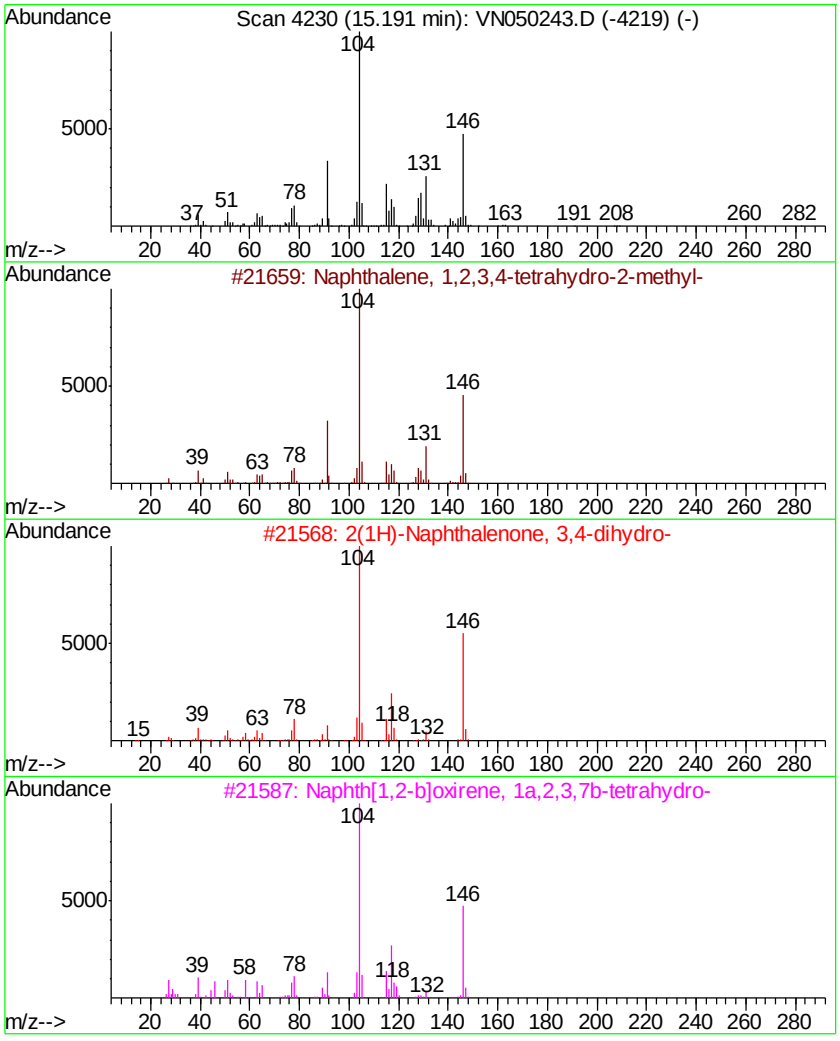
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

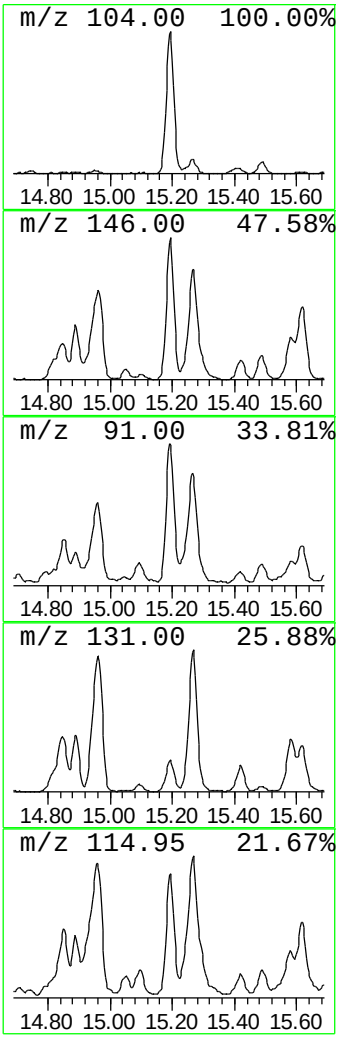
****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	18.13 ug/l	751981	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	94
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	64
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
4	2,6-Piperidinedione, 3-phenyl-	189	C11H11NO2	014149-34-9	50
5	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080118\
Data File : VN050243.D
Acq On : 1 Aug 2018 12:40
Operator : MD\SY
Sample : J4256-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-A01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

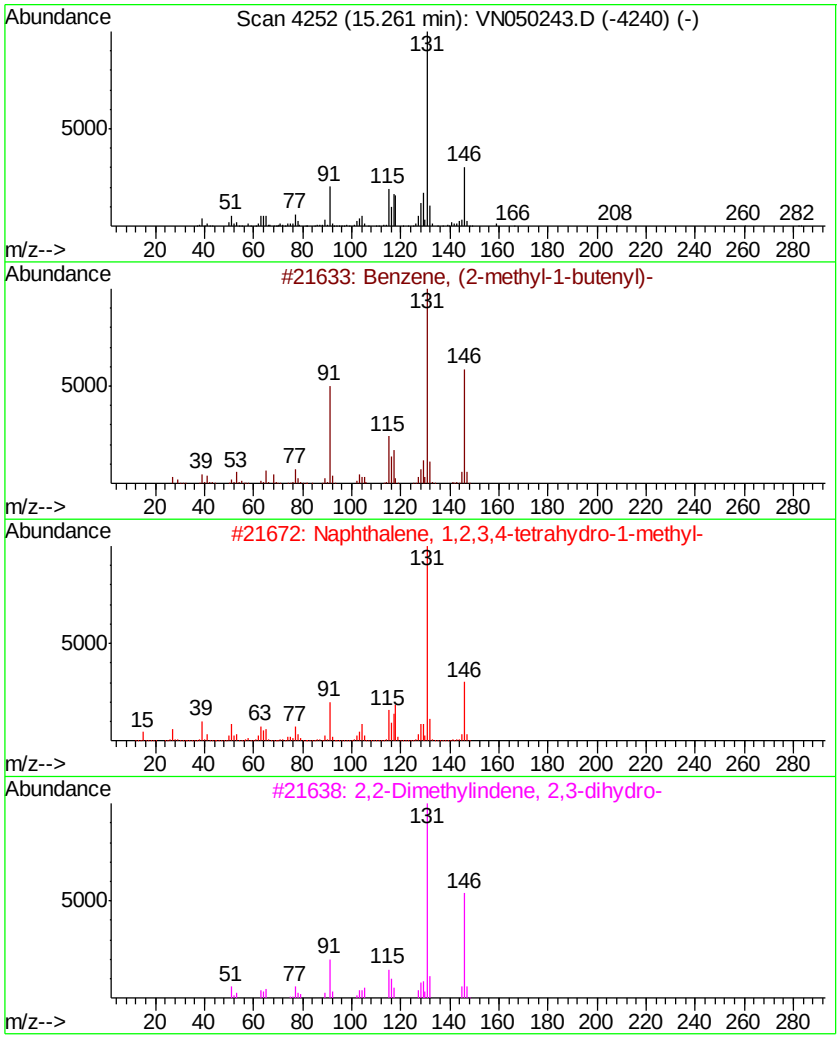
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

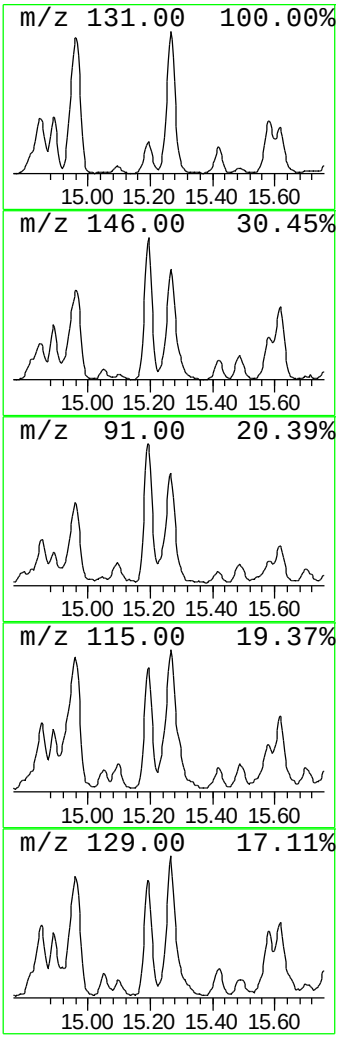
****

Peak Number 9 Benzene, (2-methyl-1-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	27.12 ug/l	1124760	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	94
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	93
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080118\
Data File : VN050243.D
Acq On : 1 Aug 2018 12:40
Operator : MD\SY
Sample : J4256-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-A01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

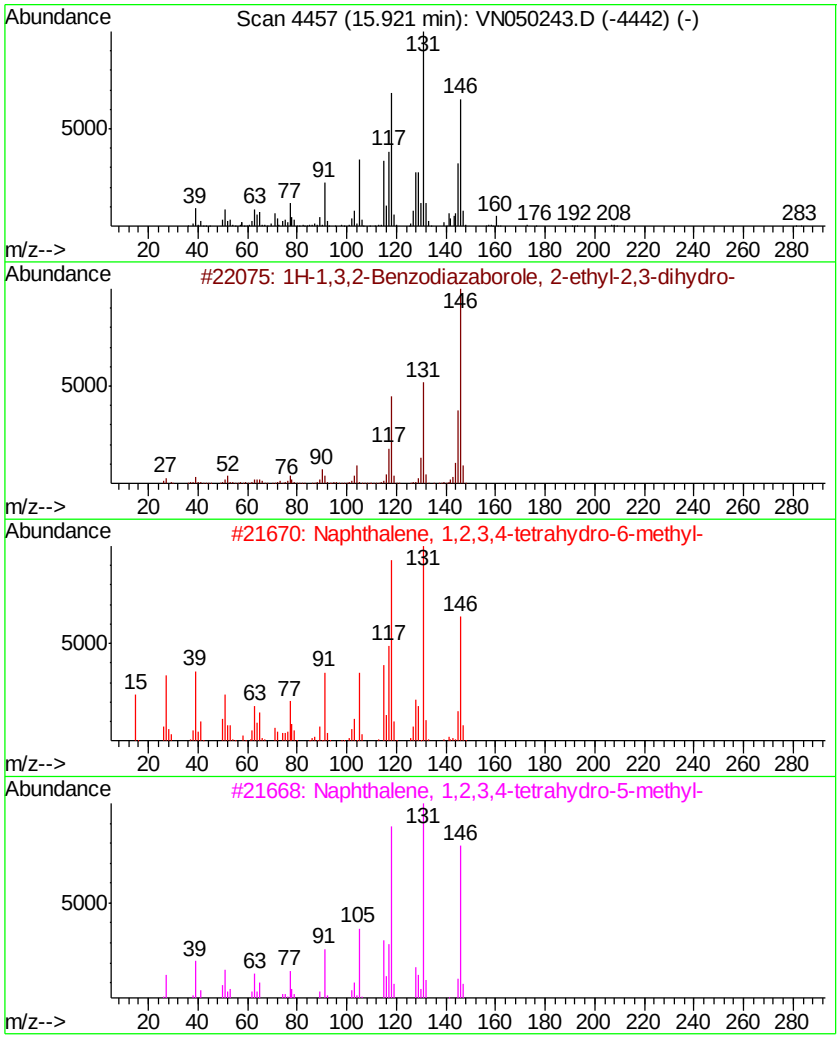
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

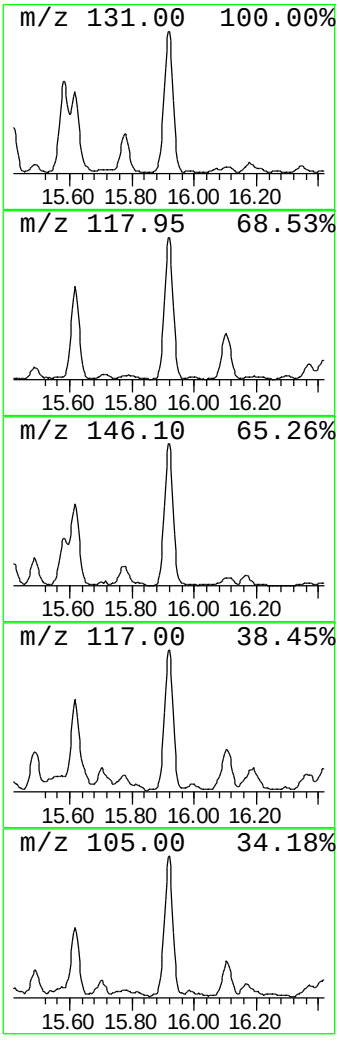
****

Peak Number 10 1H-1,3,2-Benzodiazaborole, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	21.62 ug/l	896467	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	68
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080118\
Data File : VN050243.D
Acq On : 1 Aug 2018 12:40
Operator : MD\SY
Sample : J4256-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-A01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-diet...	13.51	21.5	ug/l	892058	4	13.35	2073700	50.0
Benzene, 4-ethyl-...	13.89	27.7	ug/l	1149300	4	13.35	2073700	50.0
Benzene, 1-methyl...	13.99	28.8	ug/l	1195360	4	13.35	2073700	50.0
Benzene, 1,2,4,5-...	14.21	25.7	ug/l	1065960	4	13.35	2073700	50.0
1H-Indene, 2,3-di...	14.96	20.8	ug/l	863857	4	13.35	2073700	50.0
Naphthalene, 1,2,...	15.19	18.1	ug/l	751981	4	13.35	2073700	50.0
Benzene, (2-methy...	15.26	27.1	ug/l	1124760	4	13.35	2073700	50.0
1H-1,3,2-Benzodia...	15.92	21.6	ug/l	896467	4	13.35	2073700	50.0